Ammonium Nitrate Market to Reach USD 9.34 Billion by 2036

Subhead: USD 6.44 billion in 2026 | USD 9.34 billion by 2036 | 3.8% CAGR

August 27, 2026 — The global **ammonium nitrate market** is valued at **USD 6.44 billion in 2026** and is forecast to reach **USD 9.34 billion by 2036**, expanding at a **3.8% CAGR from 2026 to 2036**, according to Fact.MR. The market was valued at USD 6.20 billion in 2025.
Demand is supported by two major end uses. Agriculture needs high-nitrogen fertilizer to support crop production. Mining also uses ammonium nitrate in blasting applications linked to coal, iron ore, and copper extraction. At the same time, stricter storage and transport rules are raising compliance costs and making qualified distribution infrastructure more important.

Market Growth Drivers

Agricultural intensification in developing economies is supporting demand as farmers seek reliable nitrogen fertilizer solutions. The report also points to rising food demand, precision agriculture, nitrogen-use efficiency, and crop productivity as important market factors.

Mining provides another demand base. Ammonium nitrate is used as a primary oxidizer in commercial blasting agents, including ANFO and emulsion blasting applications. Mining demand remains linked to extraction activity and commodity cycles.

Safety compliance is becoming a larger part of the supply chain. Storage, handling, and transportation requirements can increase delivered costs and restrict participation to distributors with suitable infrastructure. The report identifies compliance, feedstock access, proximity to end users, and supply reliability as key competitive factors.

Get detailed market forecasts, competitive benchmarking, and pricing trends: https://www.factmr.com/connectus/sample?flag=S&rep_id=12169

Proof Points From Named Sources

Fact.MR's bibliography cites the **International Fertilizer Association's January 2025 Fertilizer Outlook**, the **U.S. Bureau of Alcohol, Tobacco, Firearms and Explosives' 2024 security and storage requirements update**, and the **European Commission's 2024 implementing guidance** on ammonium nitrate. The page does not provide specific quantitative statistics from these sources, so no additional third-party numbers are added here.

Key Numbers

Metric	Value
Market size, 2025	**USD 6.20 billion**
Market size, 2026	**USD 6.44 billion**
Market forecast, 2036	**USD 9.34 billion**
CAGR, 2026–2036	**3.8%**
Incremental opportunity	**USD 2.90 billion**
Fertilizers application share	**61.0%**
Explosives application share	**31.4%**
Europe regional share	**42.7%**
Orica market share	**14.9%**

Source: Fact.MR.

Segment Breakdown

Fertilizers: Fertilizers are the leading application segment, accounting for **61.0%** of the market. Demand is supported by crop nutrition, cereal production, high-value crops, and nitrogen management programs.

Explosives: Explosives account for **31.4%** of application demand. Mining, quarrying, and civil engineering activities support this segment.

Europe: Europe holds **42.7%** of regional demand. Its position reflects mature agricultural systems, established mining activity, production infrastructure, and regulatory frameworks. Asia Pacific represents **26.0%** of regional applications.

Precision Agriculture: Precision farming is encouraging more targeted fertilizer use. Variable-rate application and soil nutrient monitoring are supporting more efficient nitrogen management.

Country CAGR Outlook

Country	CAGR, 2026–2036
China	**4.9%**
India	**4.7%**
USA	**4.4%**
Brazil	**4.1%**
Germany	**3.8%**
South Africa	**3.5%**
Egypt	**3.2%**

Source: Fact.MR.

China leads the listed country markets at **4.9% CAGR**, supported by fertilizer consumption, domestic production expansion, and agricultural modernization. India follows at **4.7%**, supported by agricultural subsidy programs and expanding fertilizer distribution infrastructure. The USA records **4.4%**, supported by agricultural and mining demand.

Competitive Landscape

The market includes chemical manufacturers, explosives producers, and agricultural input companies. **Orica leads with a 14.9% market share**, according to Fact.MR. Other profiled companies include **Incitec Pivot Limited, Neochim PLC, URALCHEM JSC, San Corporation, CF Industries Holdings, Inc., EuroChem Group AG, Austin Powder Company, Vijay Gas Industry Pvt. Ltd., and OSTCHEM Holding (Group DF)**.

Companies are focusing on production safety, manufacturing technology, distribution partnerships, supply reliability, and regulatory compliance.

Analyst View

Shambhu Nath Jha, Principal Consultant for Chemicals and Materials at Fact.MR, said: **"the true competitive differentiator in ammonium nitrate supply chains is not production cost but the licensed storage and distribution infrastructure."**

Frequently Asked Questions

What is the ammonium nitrate market size in 2026?
The market is valued at **USD 6.44 billion in 2026**, according to Fact.MR.

What will the ammonium nitrate market be worth in 2036?
Fact.MR forecasts the market to reach **USD 9.34 billion by 2036**.

What is the ammonium nitrate market CAGR?
The market is projected to grow at a **3.8% CAGR from 2026 to 2036**.

Which application leads the ammonium nitrate market?
Fertilizers lead with a **61.0% share**, followed by explosives at **31.4%**.

Which country has the highest projected CAGR?
China has the highest listed country CAGR at **4.9%** for 2026–2036.

About Fact.MR

Fact.MR is a market research and consulting company providing market intelligence, forecasts, competitive analysis, and strategic insights across global industries.